

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(5F594E) Hex(7A7874) Hex(5F4E54) Hex(3D3C3A) Hex(BDBDBD) Hex(3D3D3D)

	Hex(5F594E)	Hex(7A7874)	Hex(5F4E54)	Hex(3D3C3A)	Hex(BDBDBD)	Hex(3D3D3D)
Hex(5F594E)		Ratio: 1.58 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 1.56 Failed ⁵
Hex(7A7874)	Ratio: 1.58 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.47 Failed ⁵
Hex(5F4E54)	Ratio: 1.12 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 1.40 Failed ⁵
Hex(3D3C3A)	Ratio: 1.59 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 5.87 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(BDBDBD)	Ratio: 3.69 AA 18pt ²	Ratio: 2.35 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 5.87 AA ¹ AAA 18pt ⁴		Ratio: 5.78 AA ¹ AAA 18pt ⁴
Hex(3D3D3D)	Ratio: 1.56 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 5.78 AA ¹ AAA 18pt ⁴	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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